

**UNIVERSITI MALAYSIA SARAWAK**

**Faculty of Computer Science and Information Technology**

**Project: Online Hospital Blood Test Appointment**

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| Subject Code: **TMF2223 G1** | | Subject Name: **Object Oriented Software Development** | | |
| Assignment Title: | **Project** | | Lecturer: | **Dr. Chai Soo See** |
| Due Date: **5/1/2020, 10:00am** | | | Date Submitted: **4/1/2020** | |

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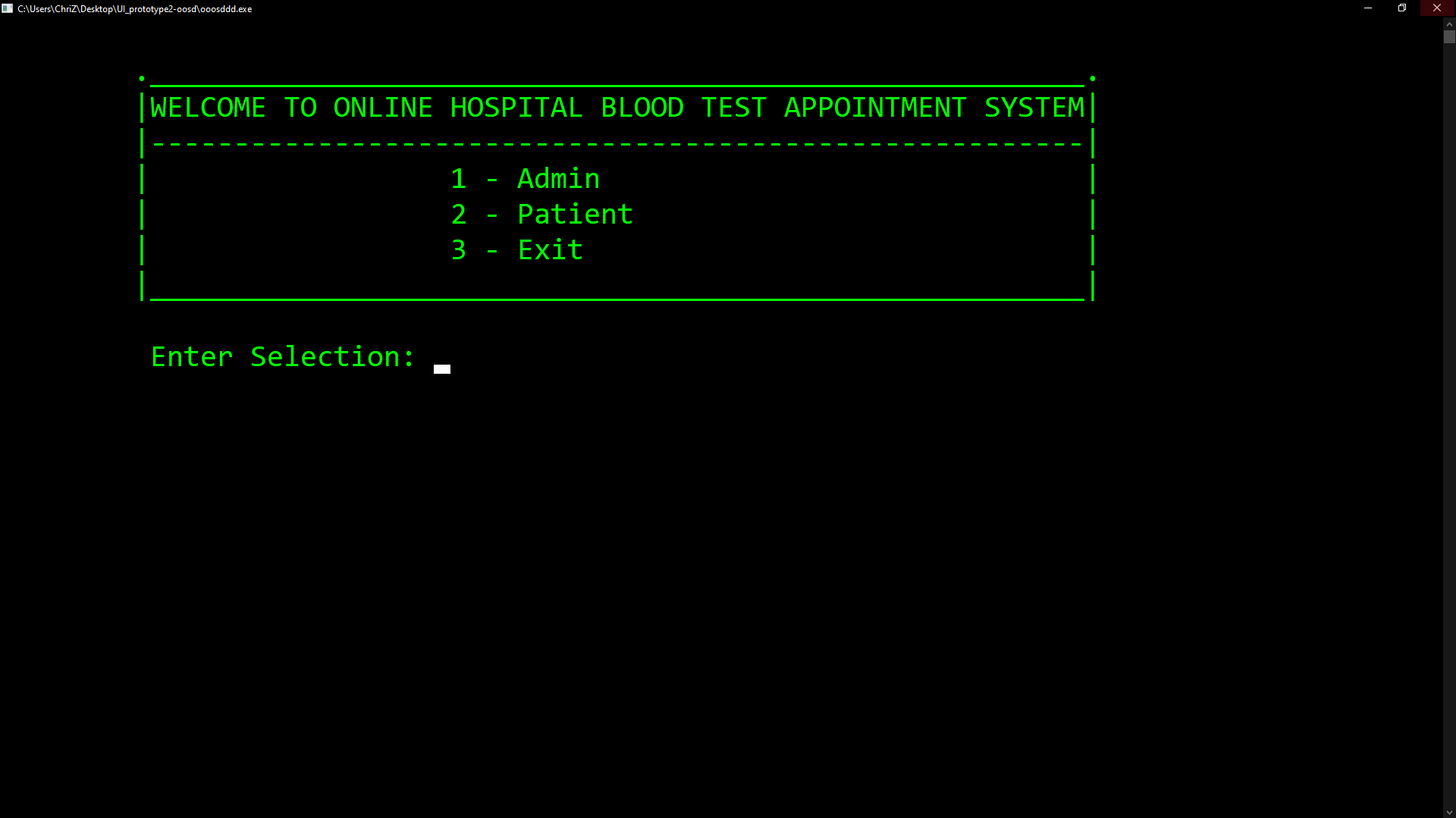
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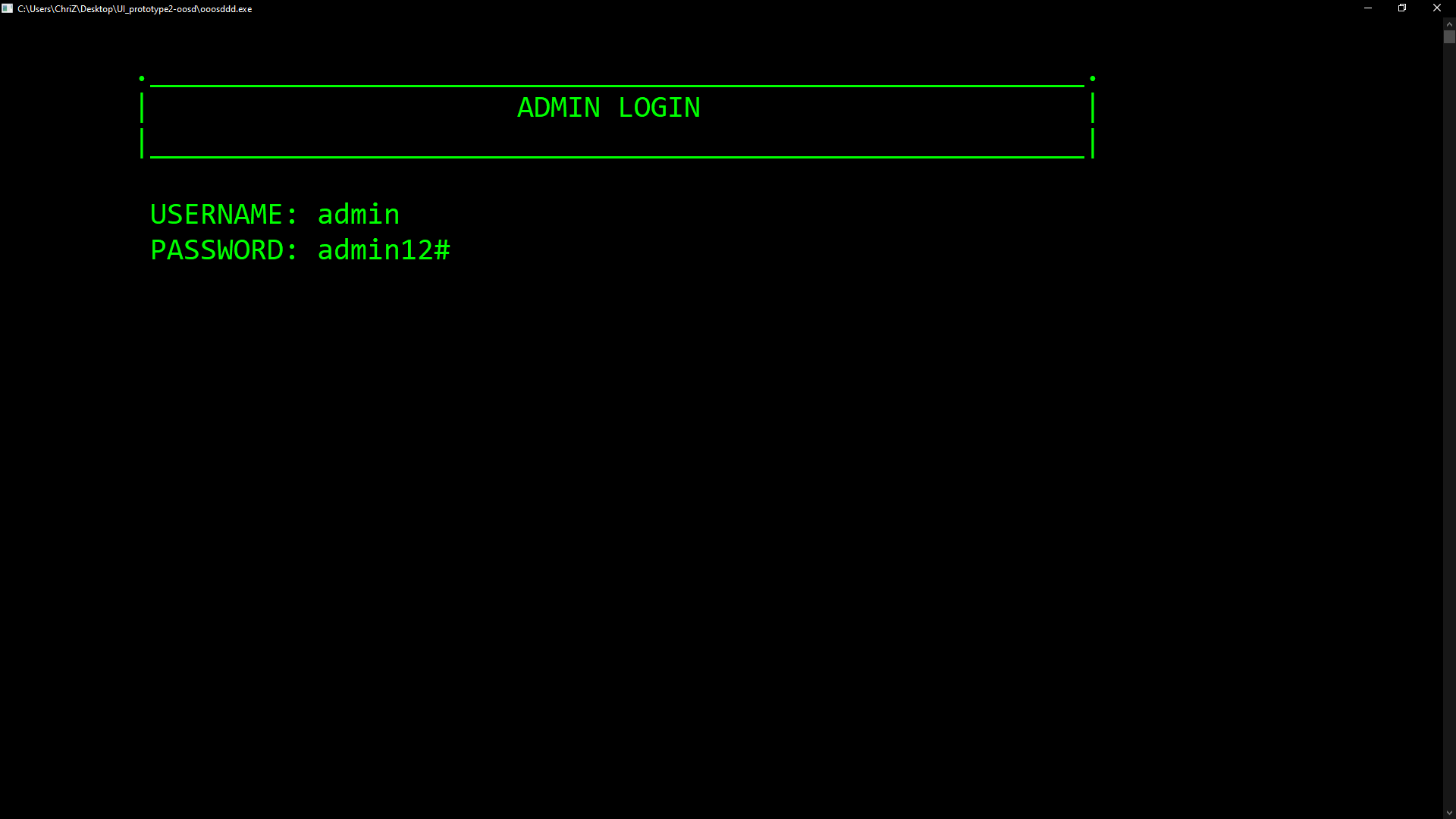
# **1.0 Class diagram**

# **2.0 User Interface design**

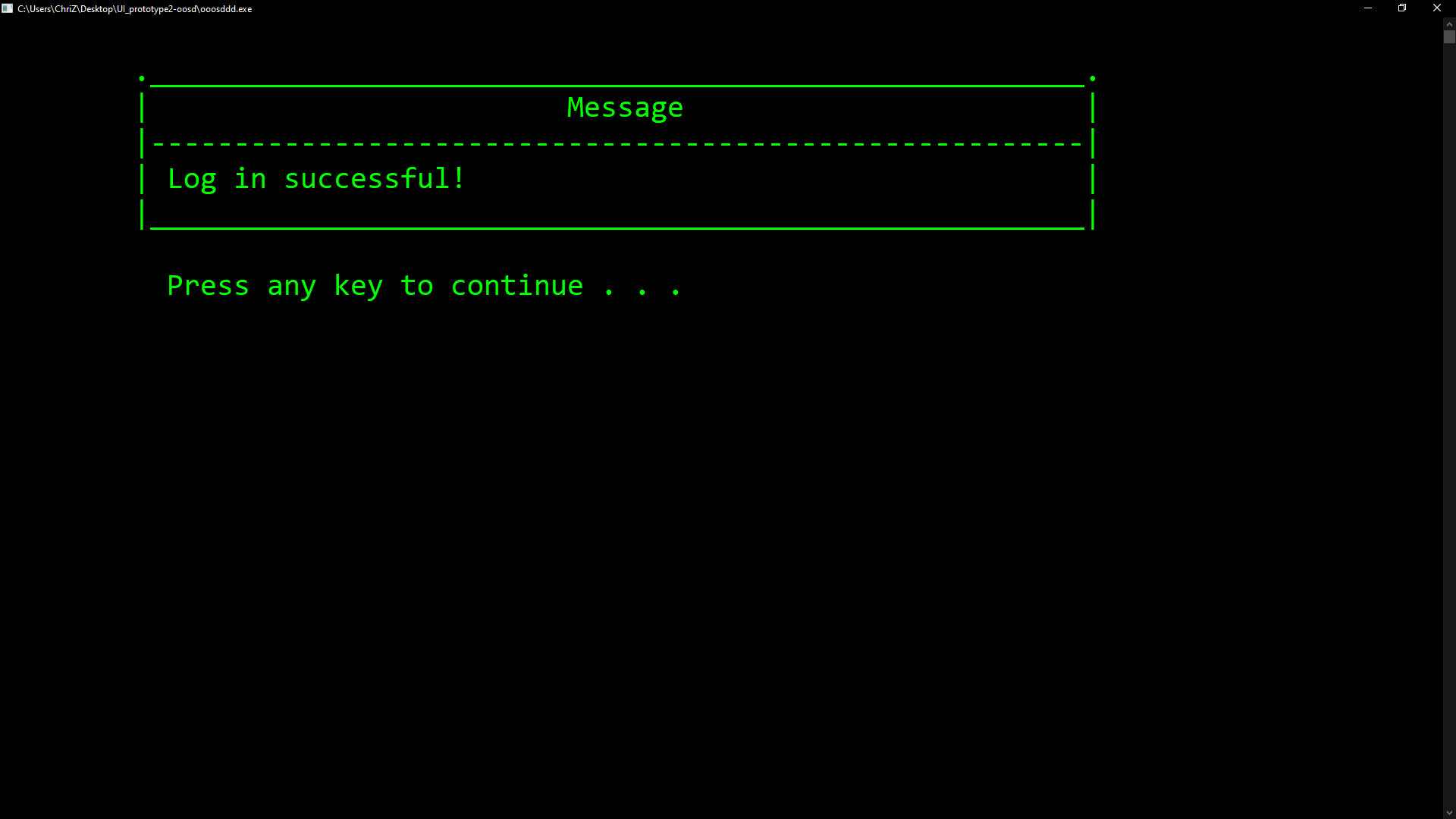
## 2.1 Homepage



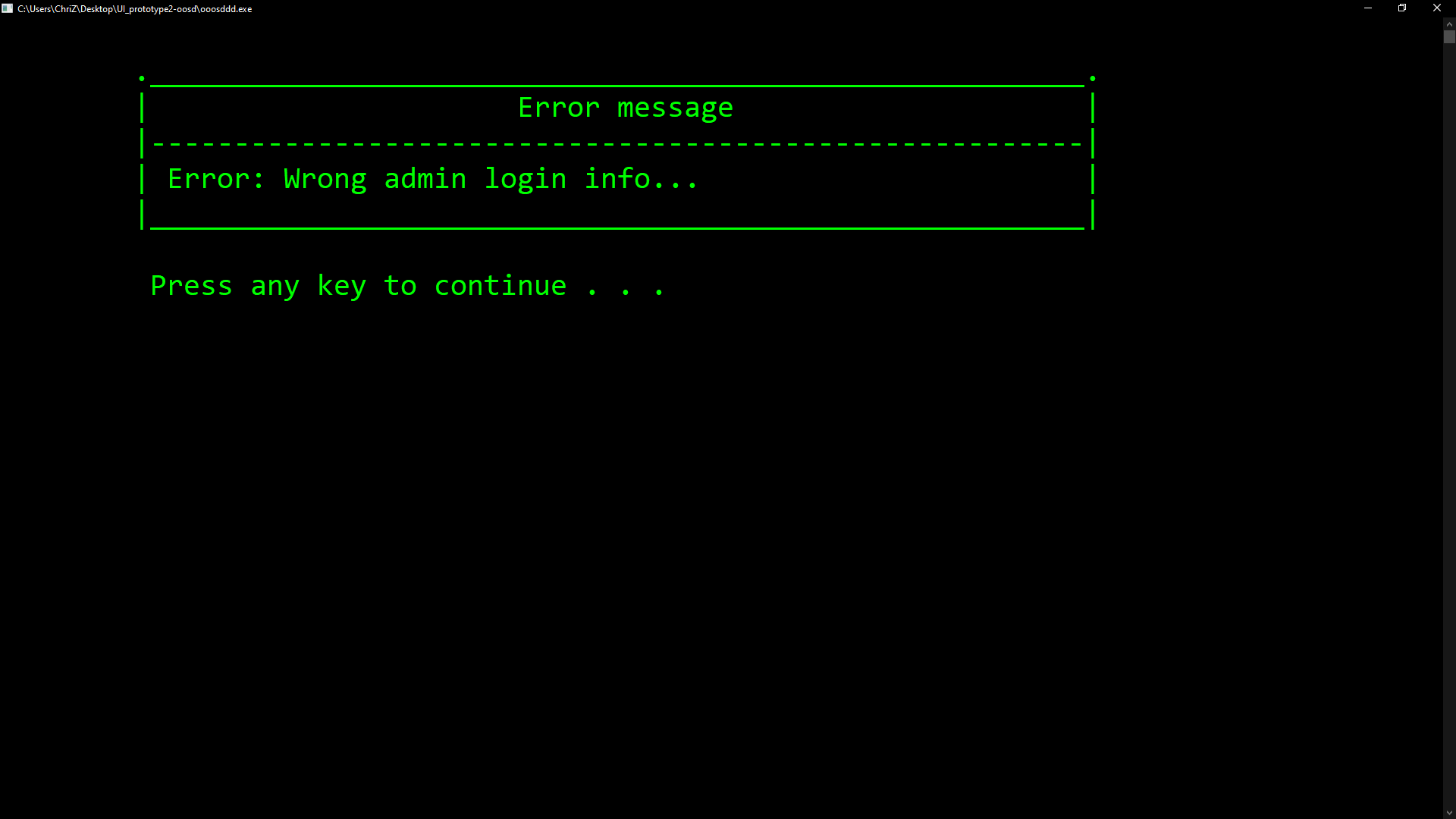
## 2.2 Admin login page



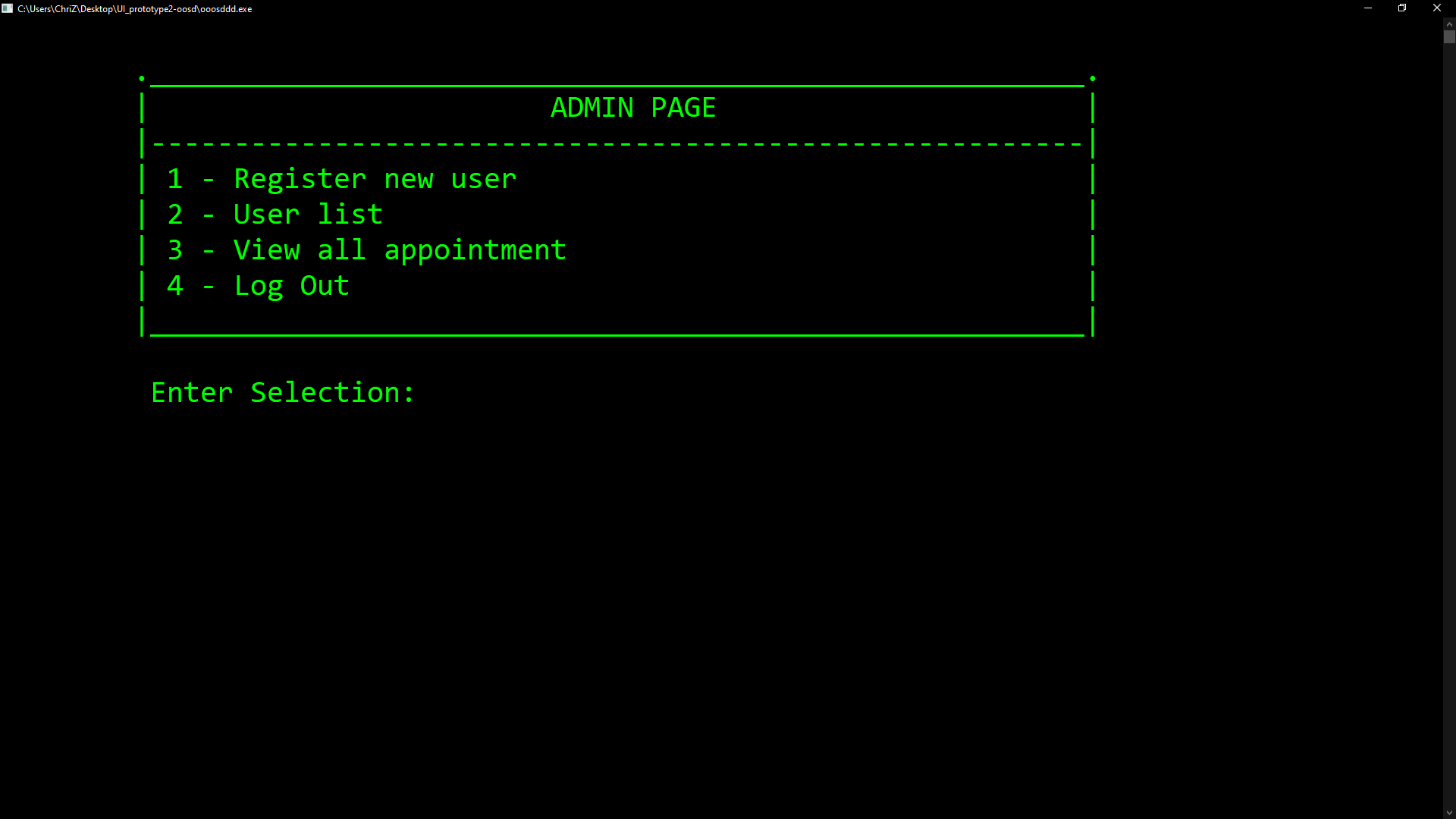
### 2.2.1 Admin login successful message



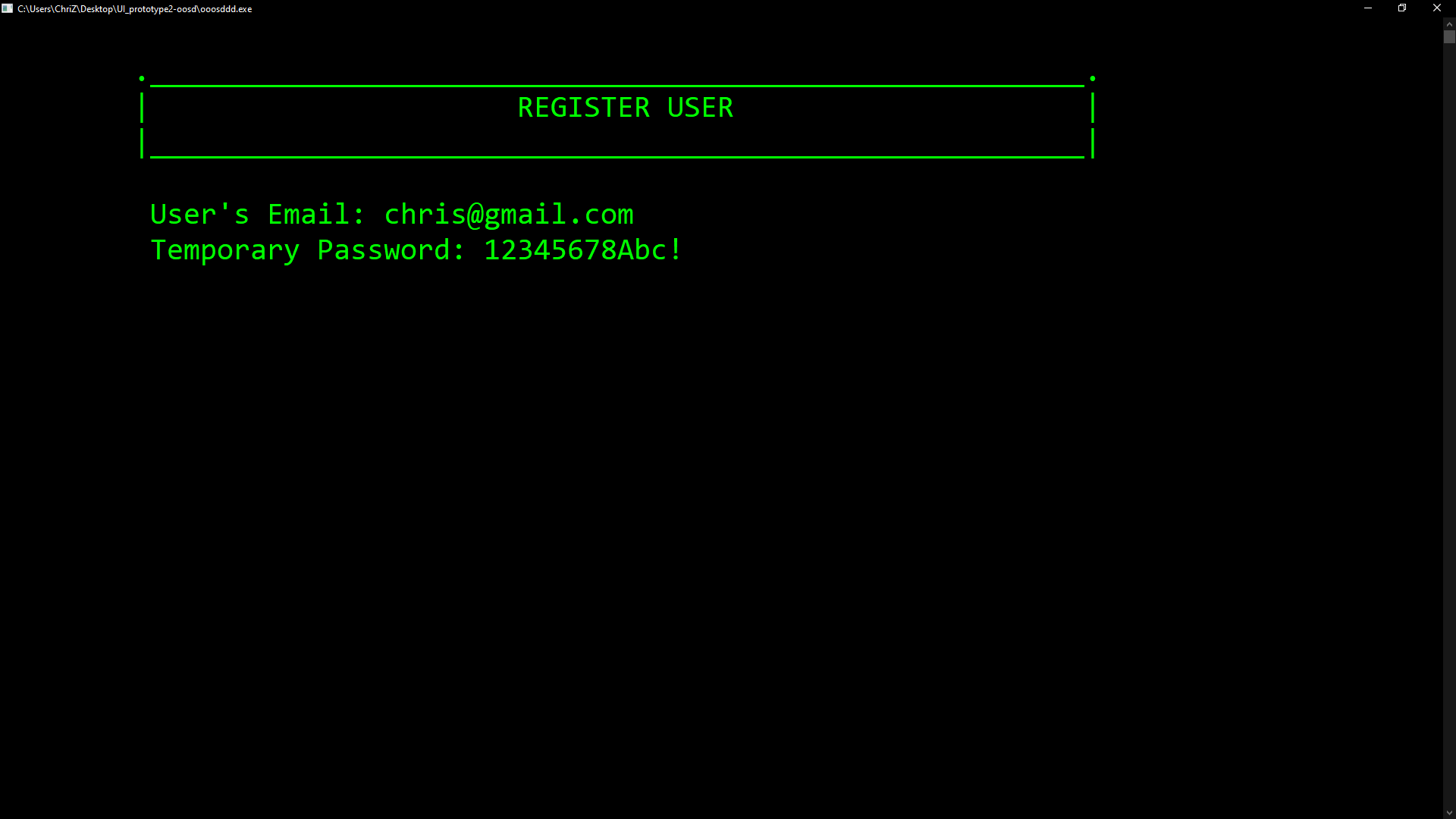
### 2.2.2 Admin login error message



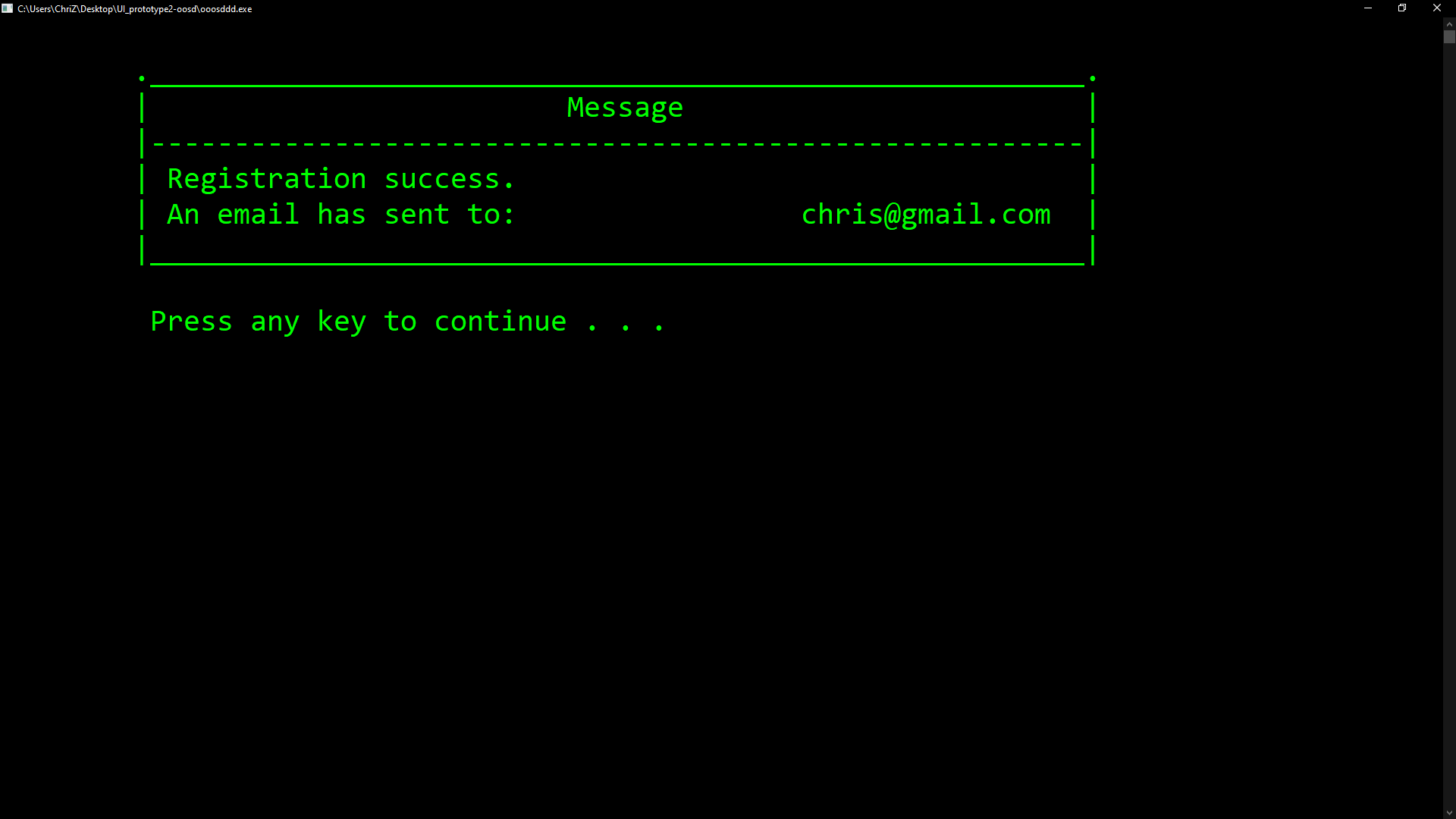
### 2.2.3 Admin homepage



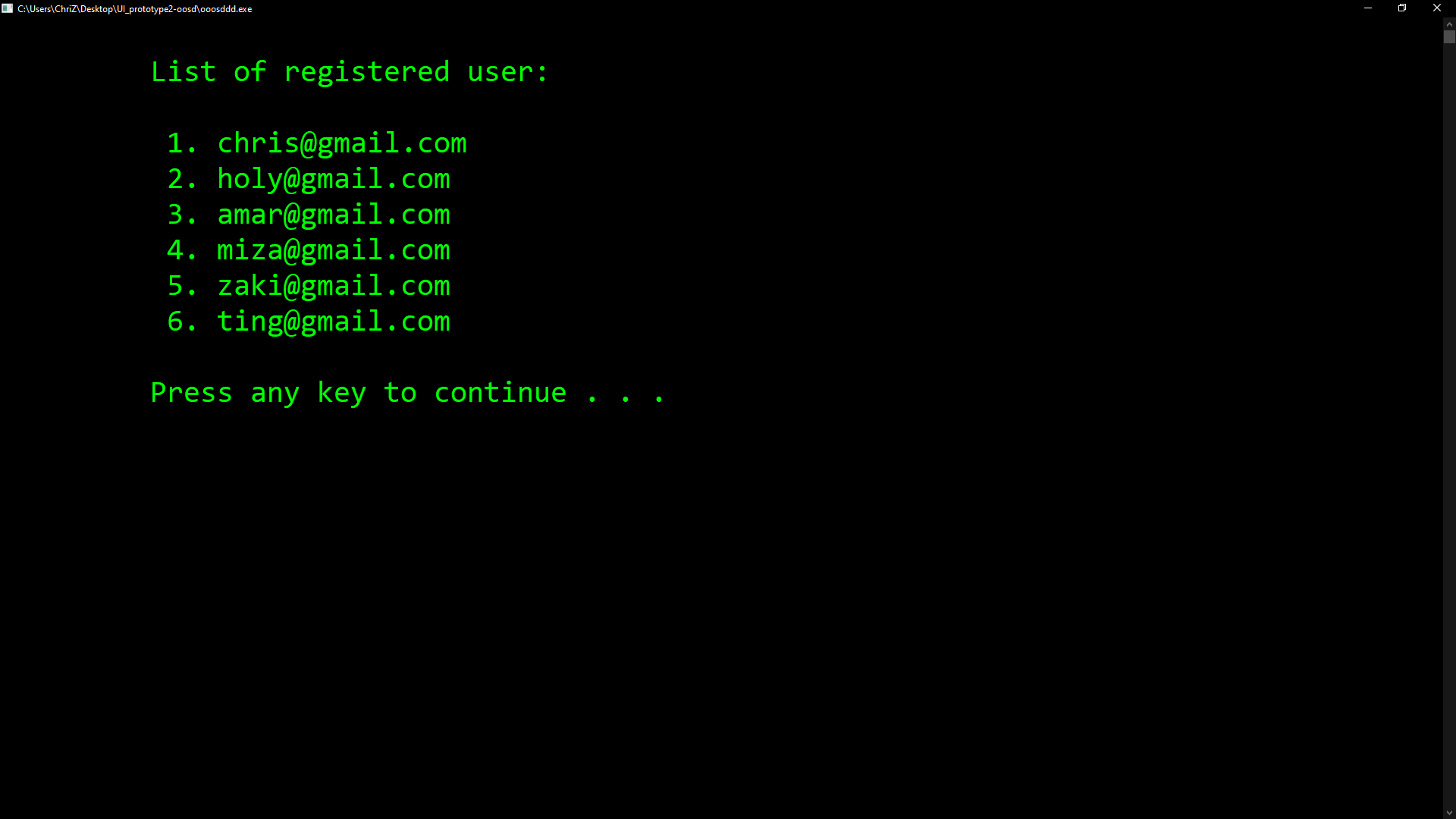
### 2.2.4 Admin registers new user

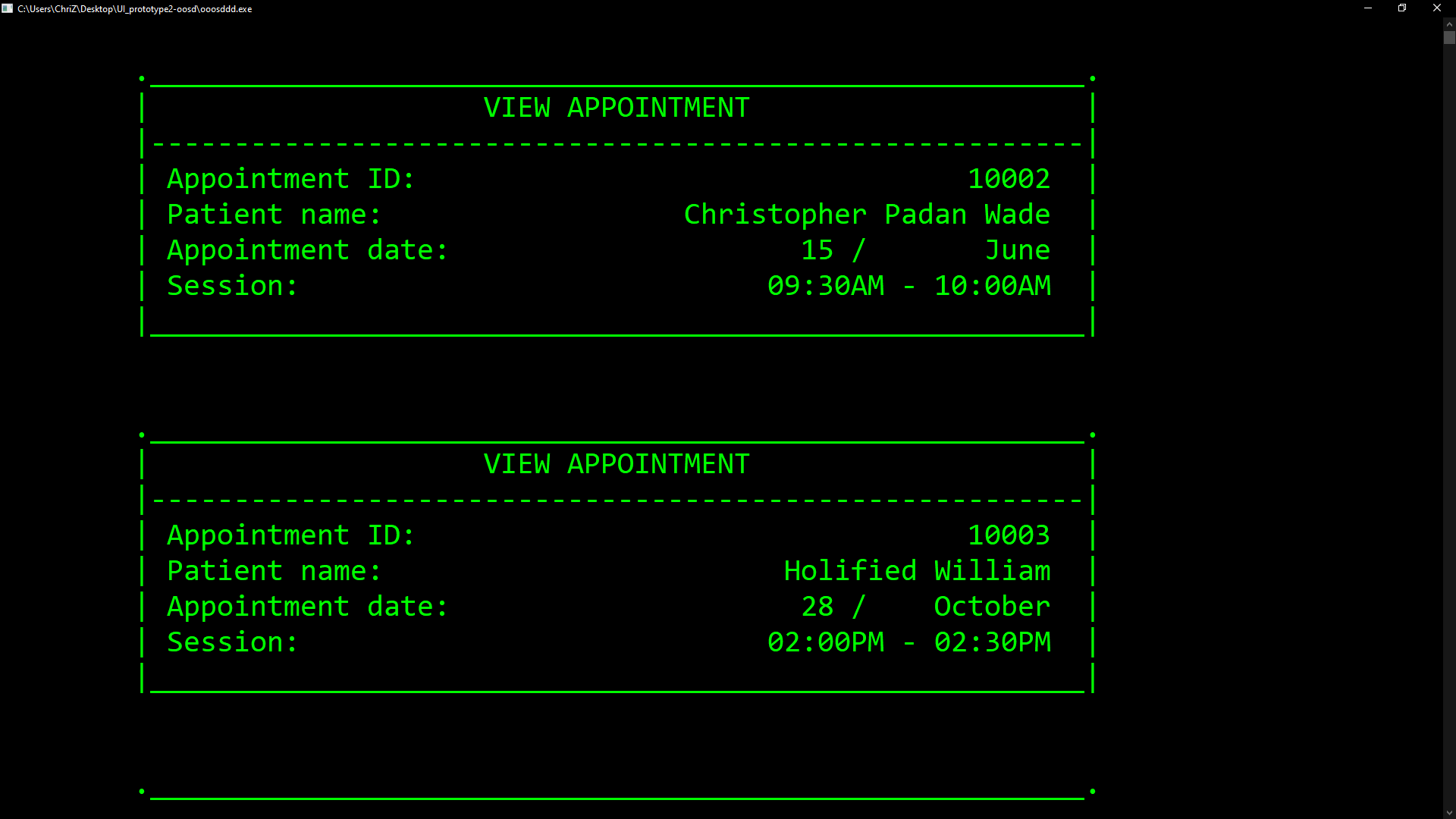


### 2.2.5 New user registration successful message



### 2.2.6 List of registered user

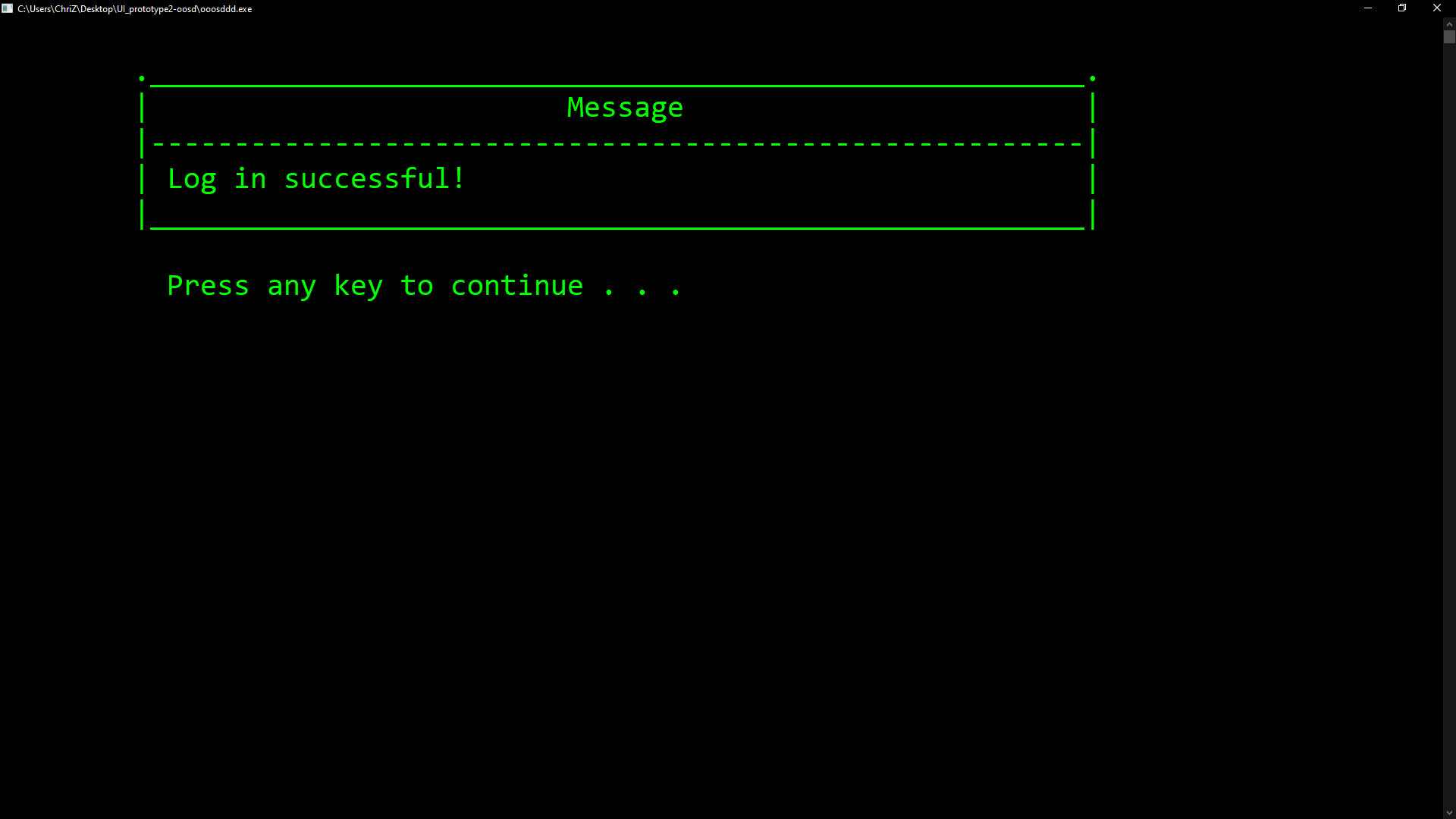


2.2.7 View all appointment

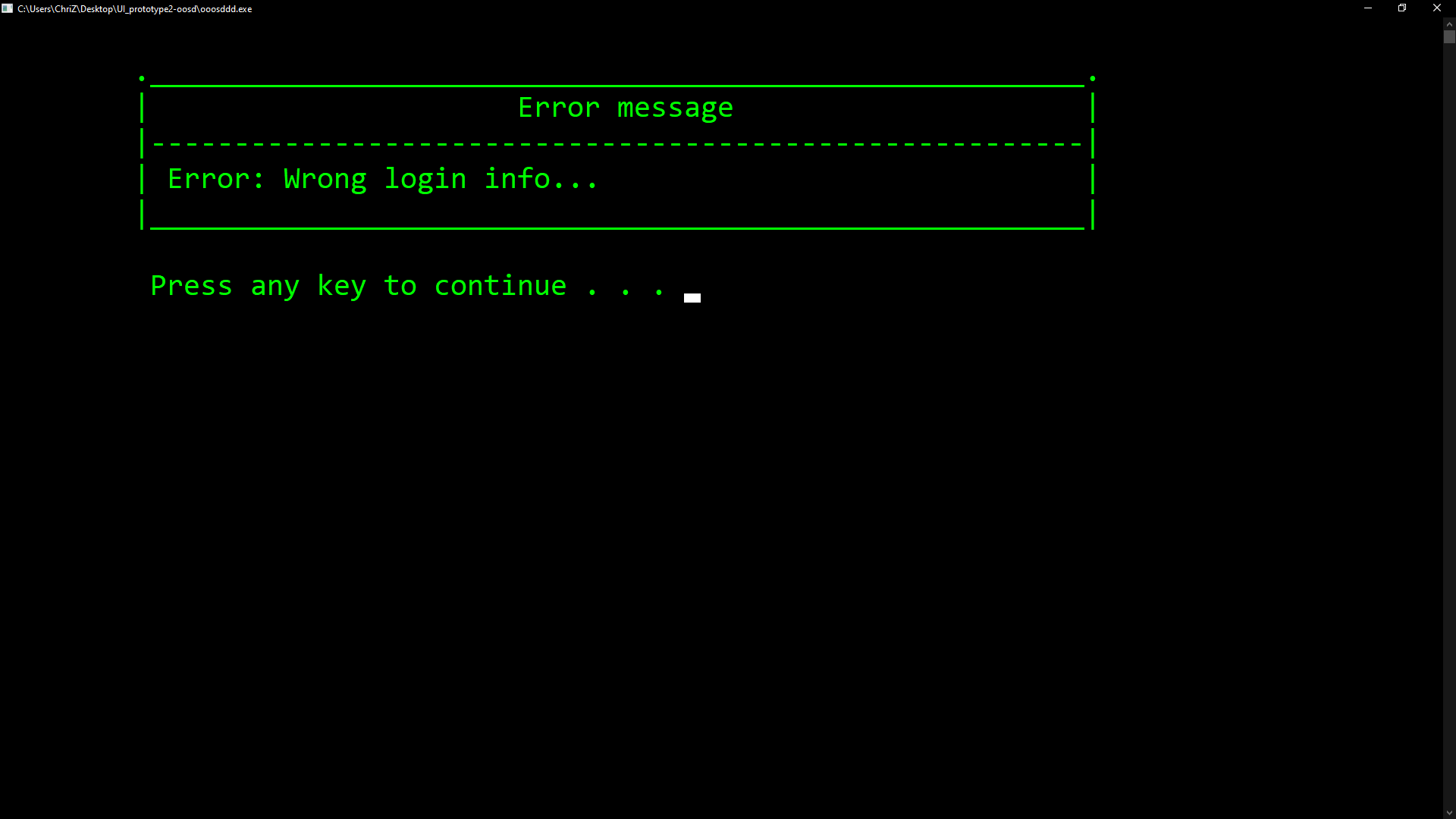
## 2.3 Patient login page



### 2.3.1 Patient login successful message



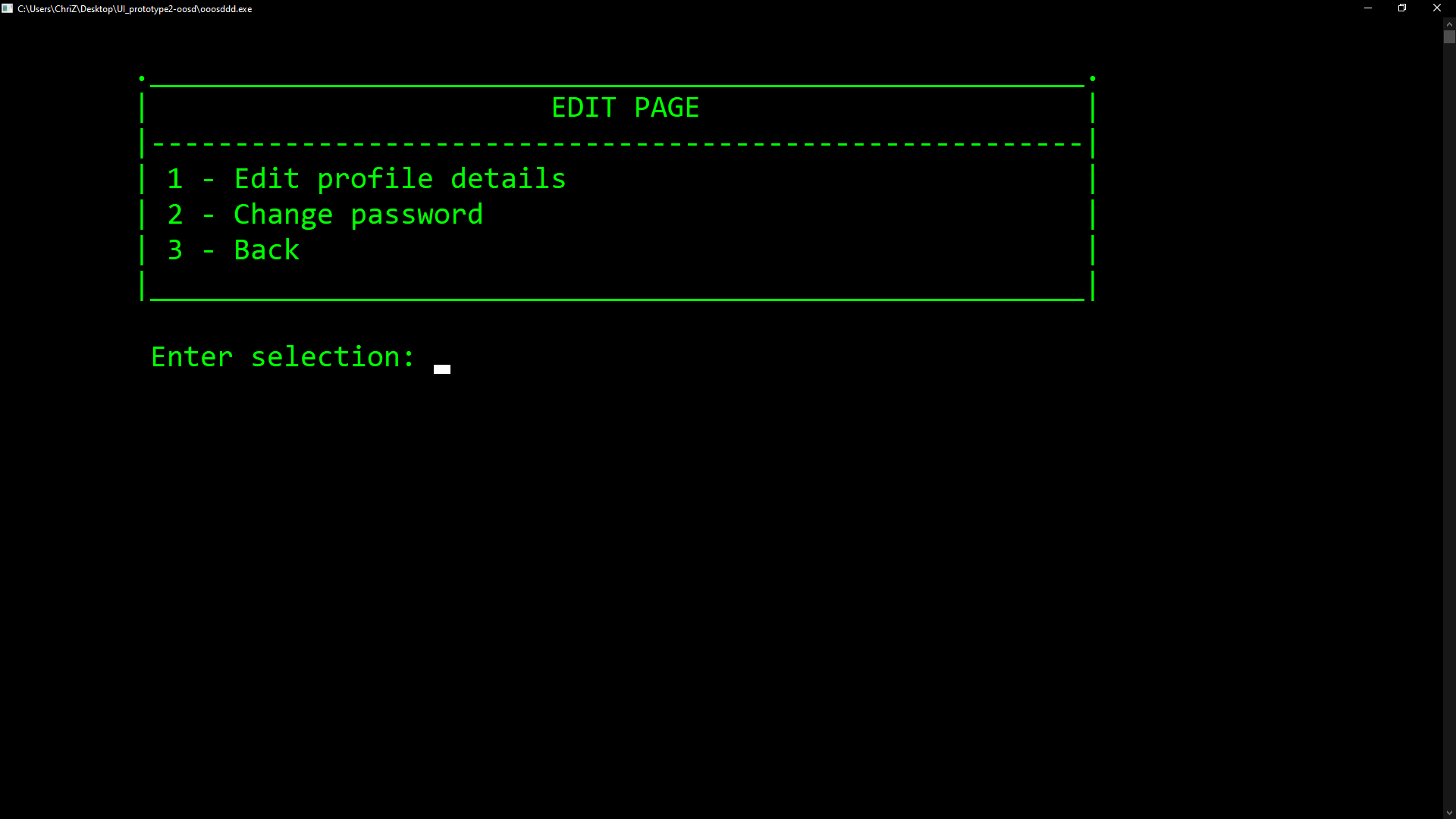
### 2.3.2 Patient login error message



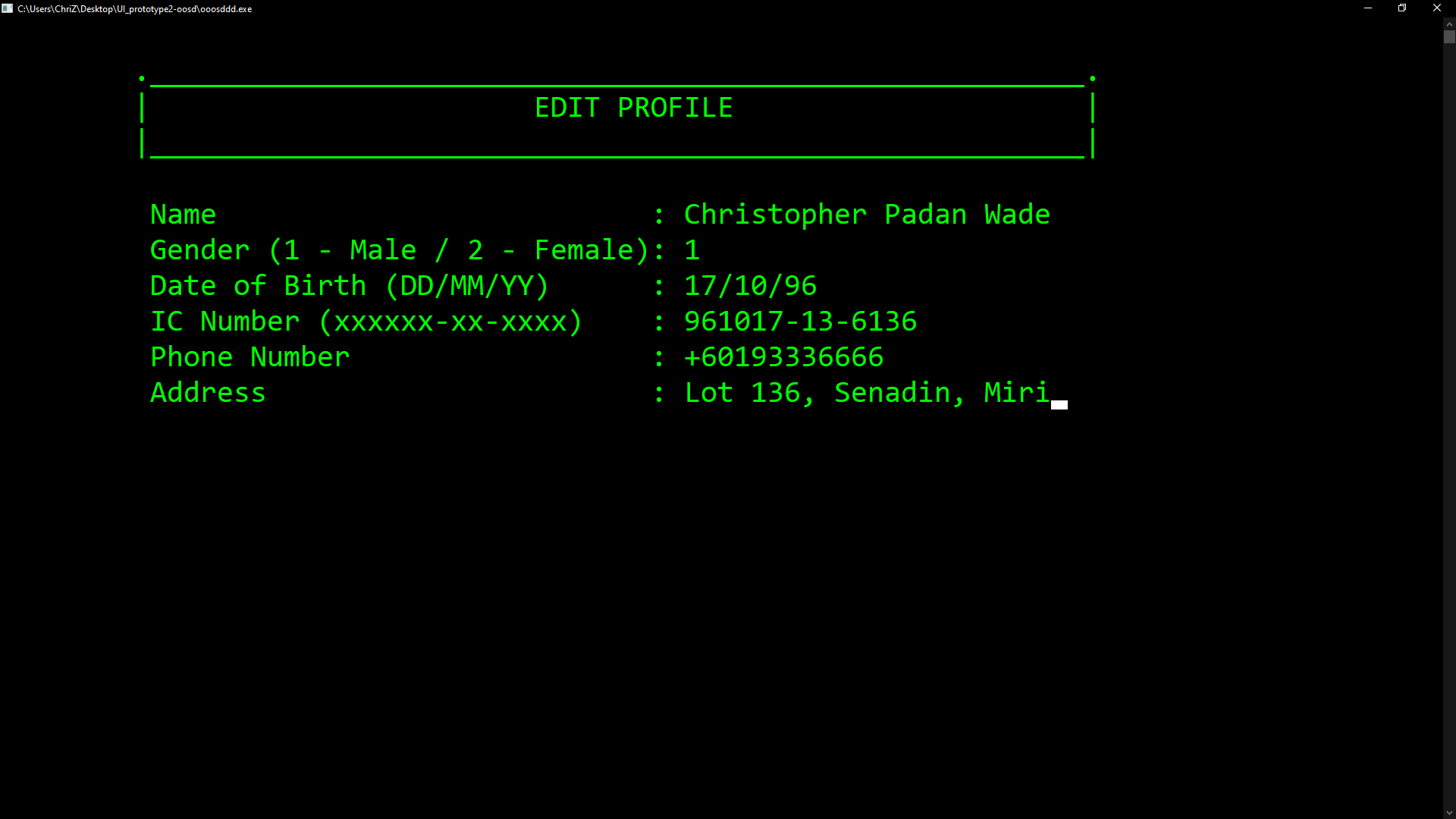
### 2.3.3 Patient homepage



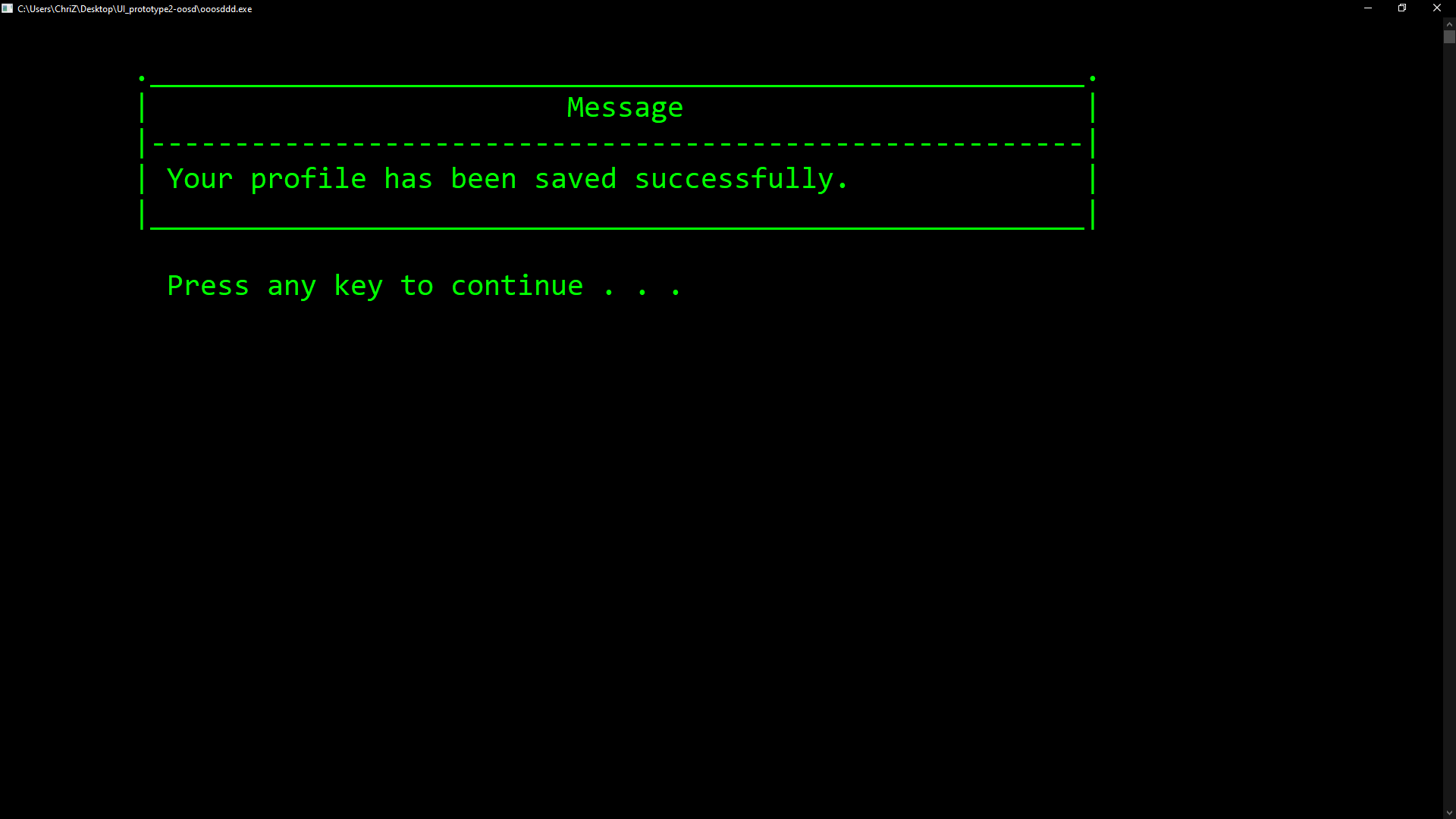
### 2.3.4 Patient edit page



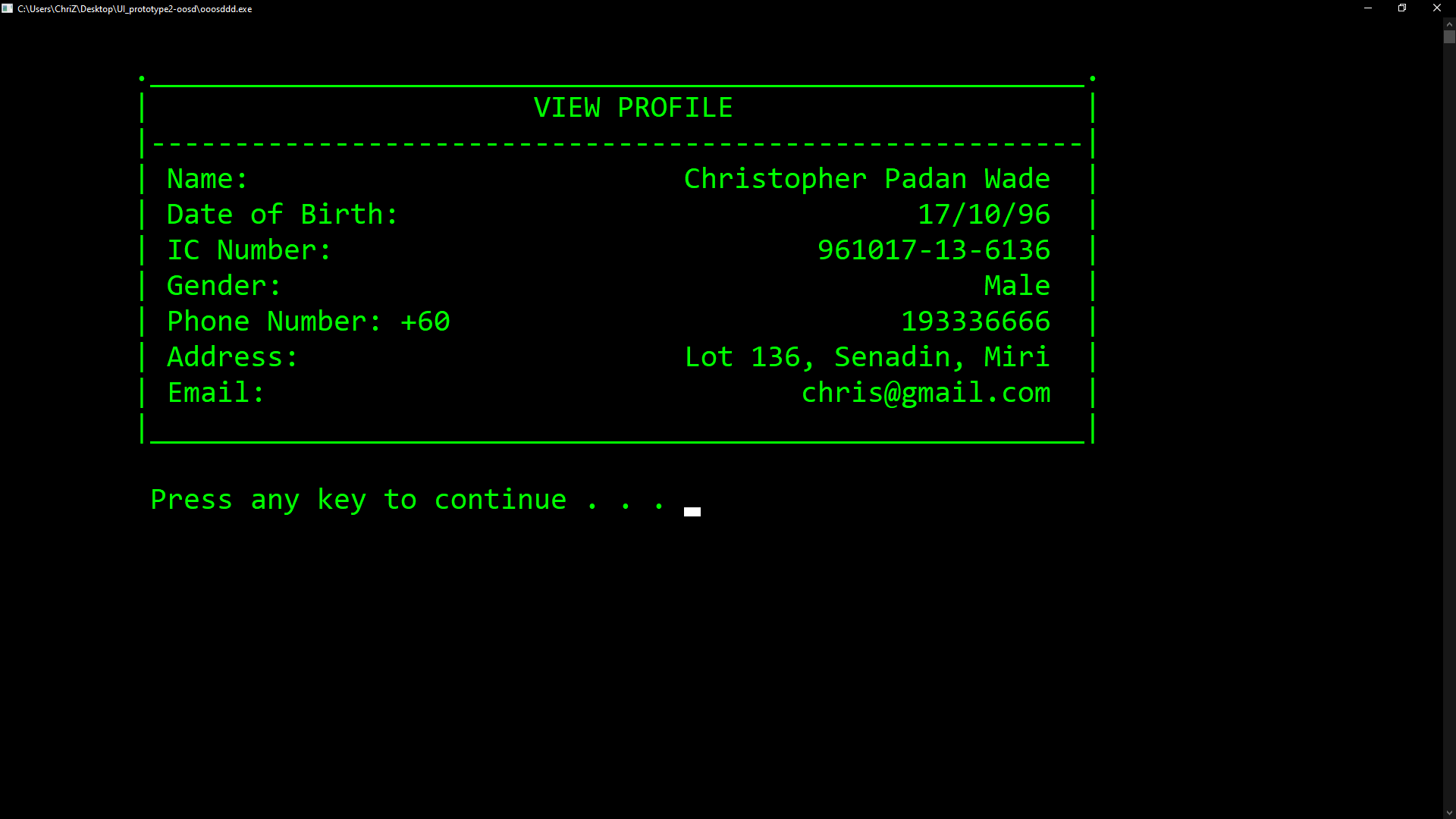
### 2.3.5 Patient edit profile page



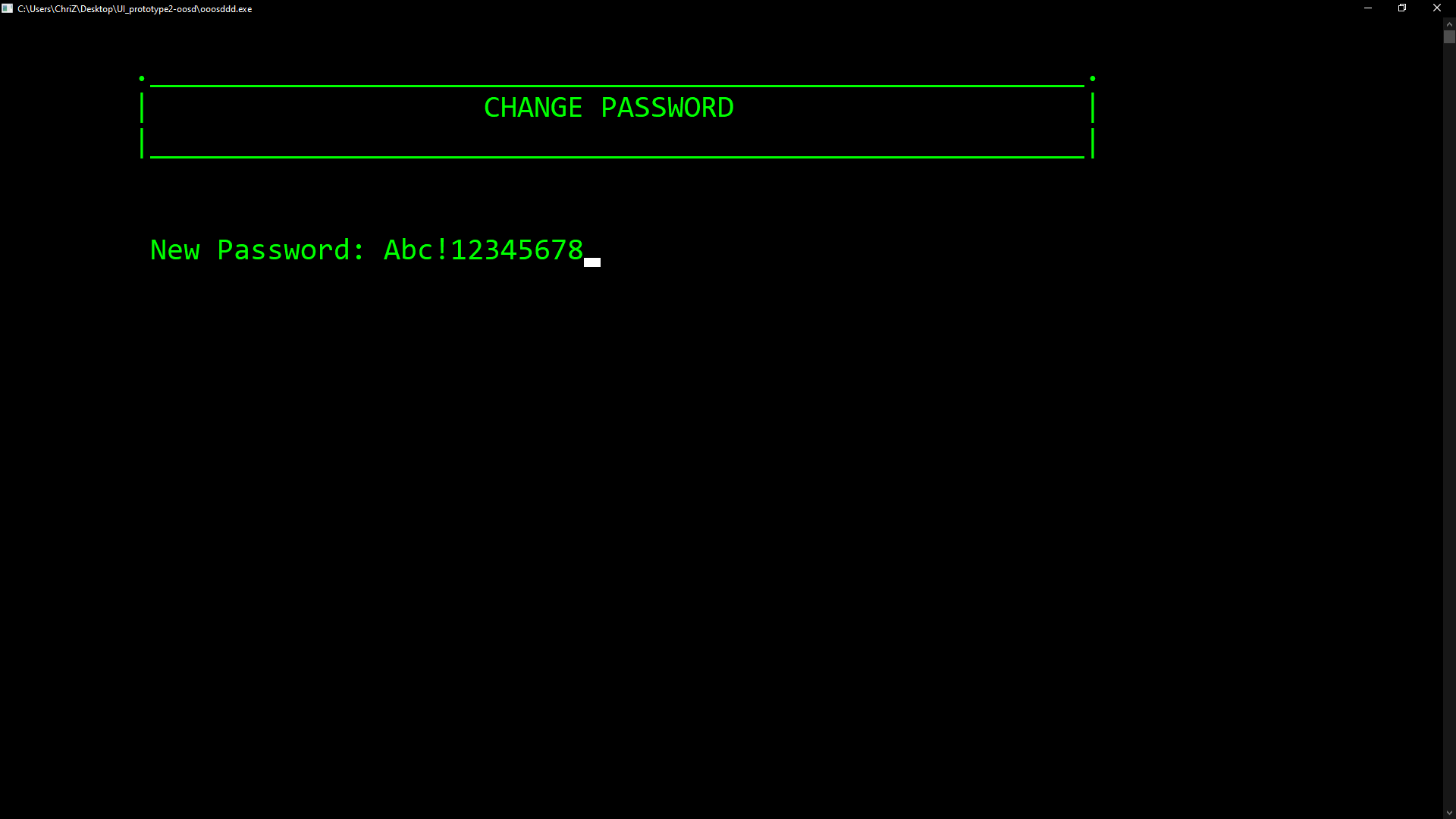
### 2.3.6 Patient edit profile successful message



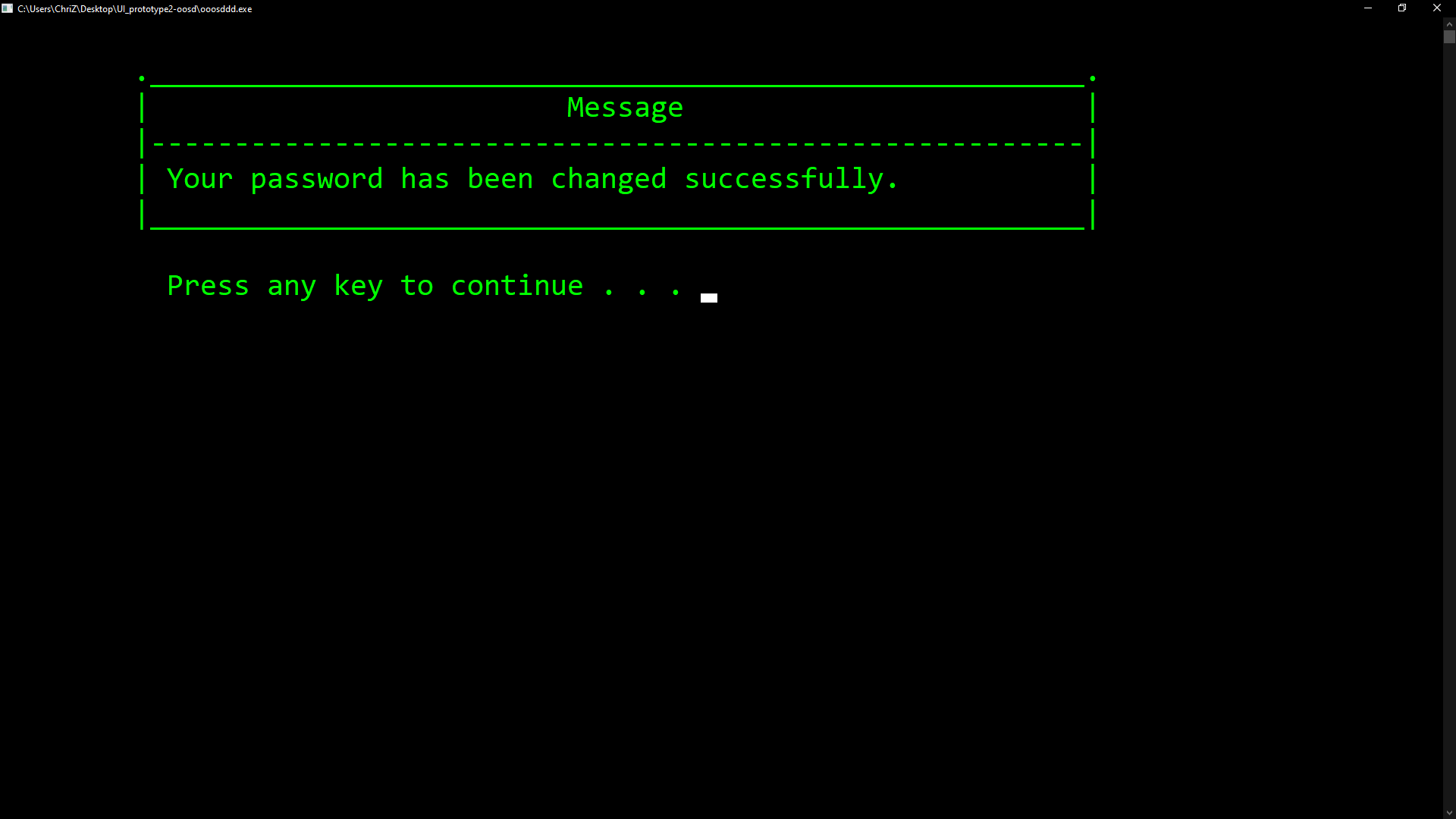
### 2.3.7 Patient view profile page



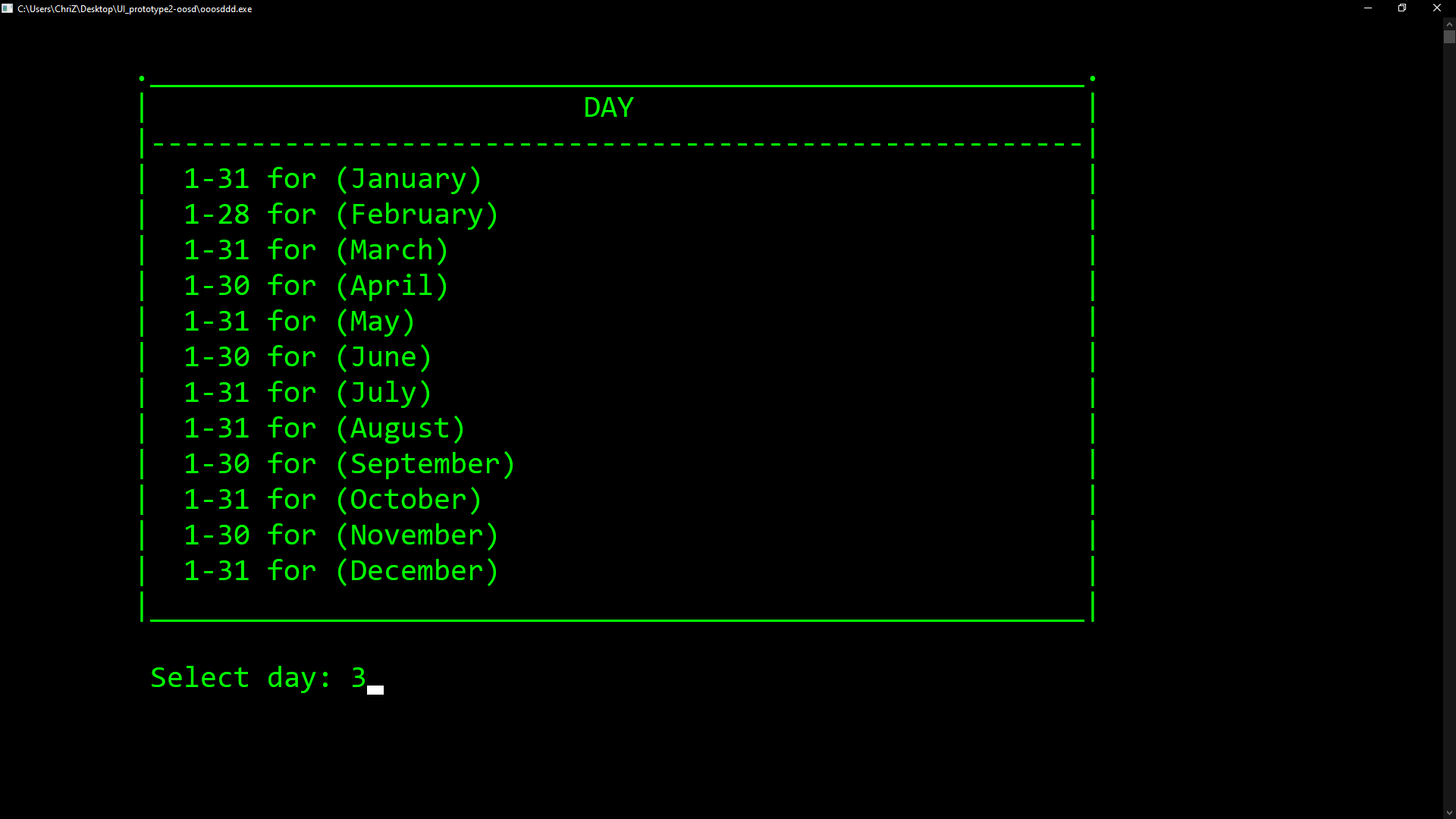
### 2.3.8 Patient change password page

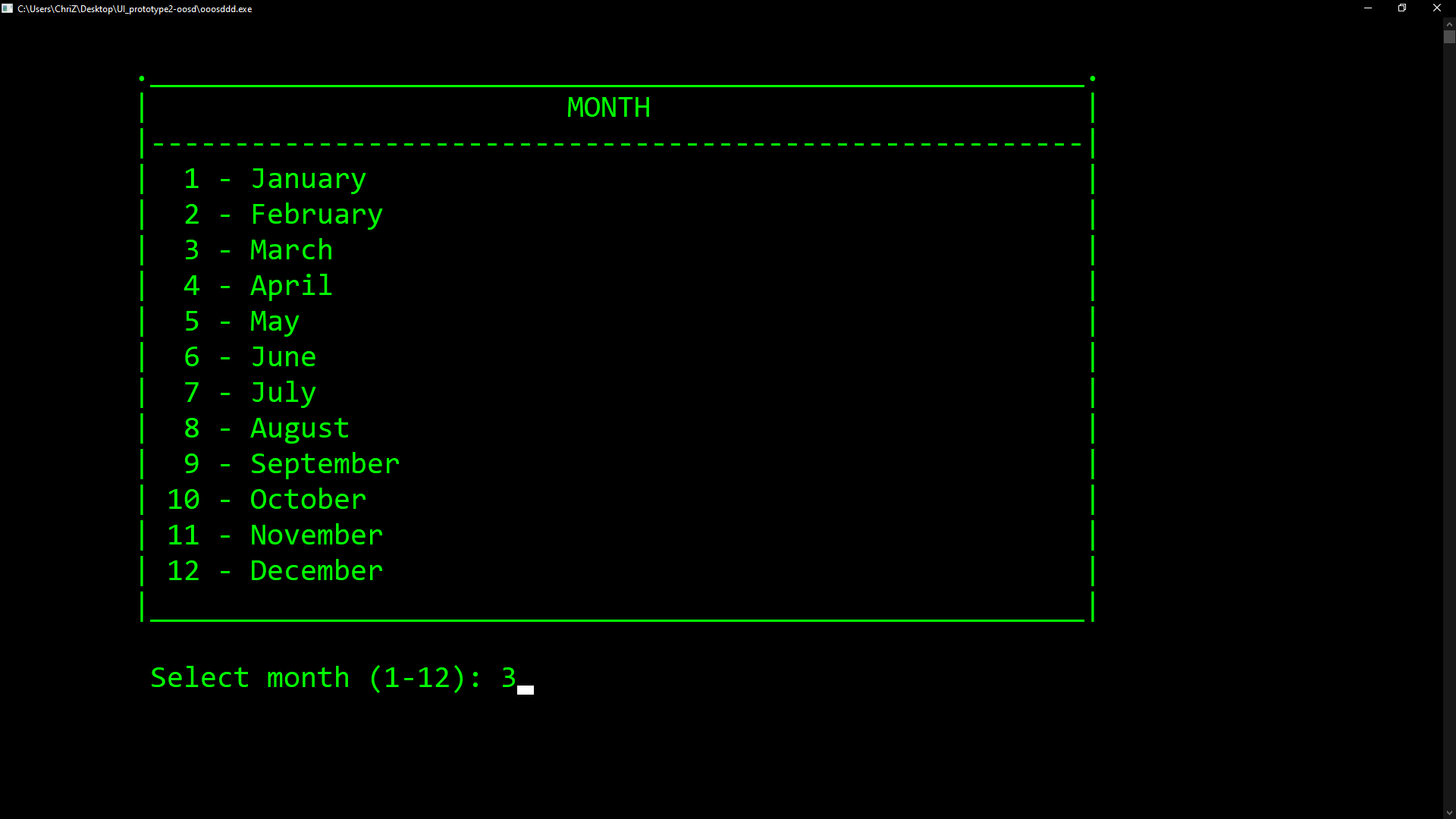


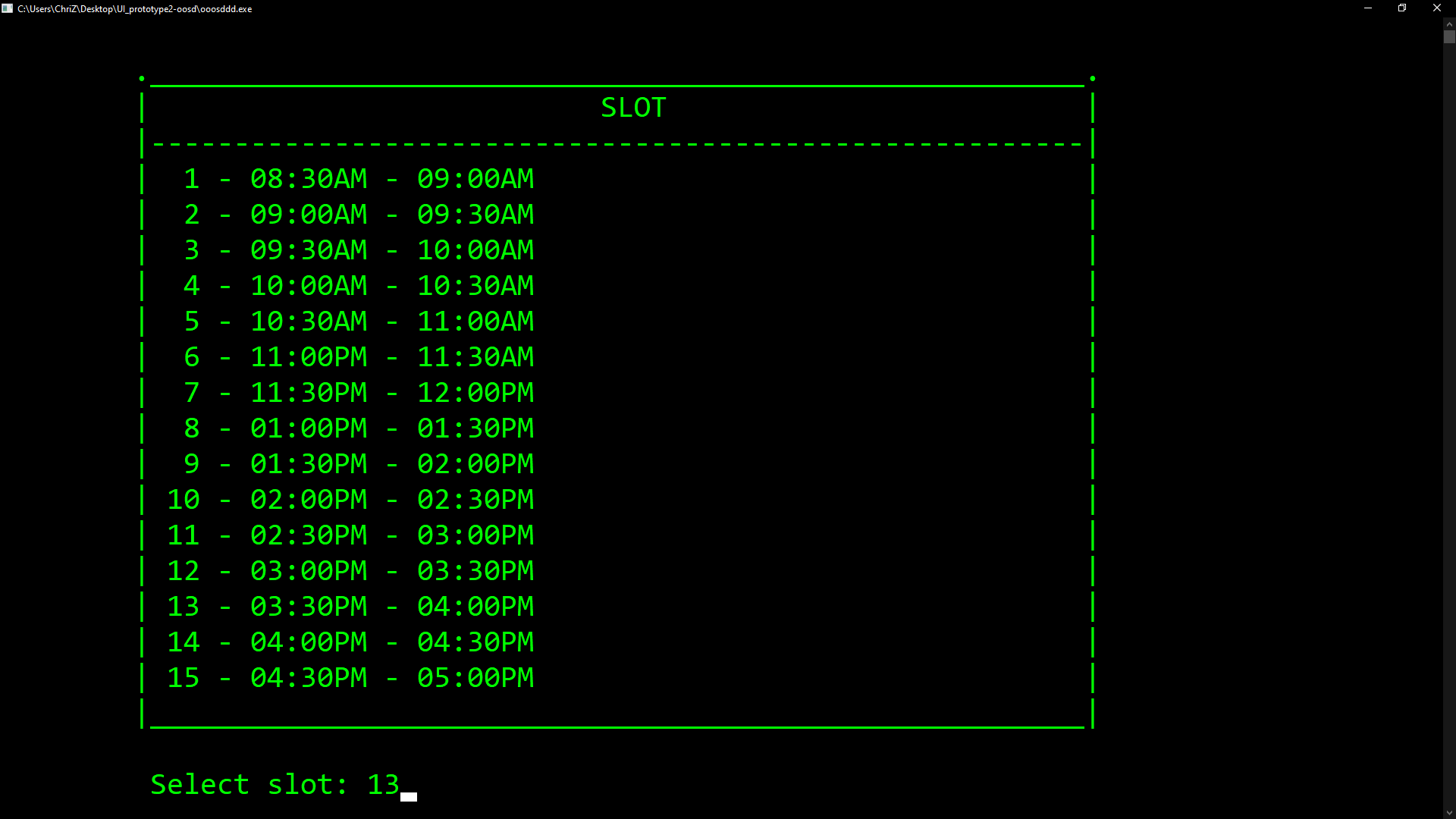
### 2.3.9 Patient password changed successful message



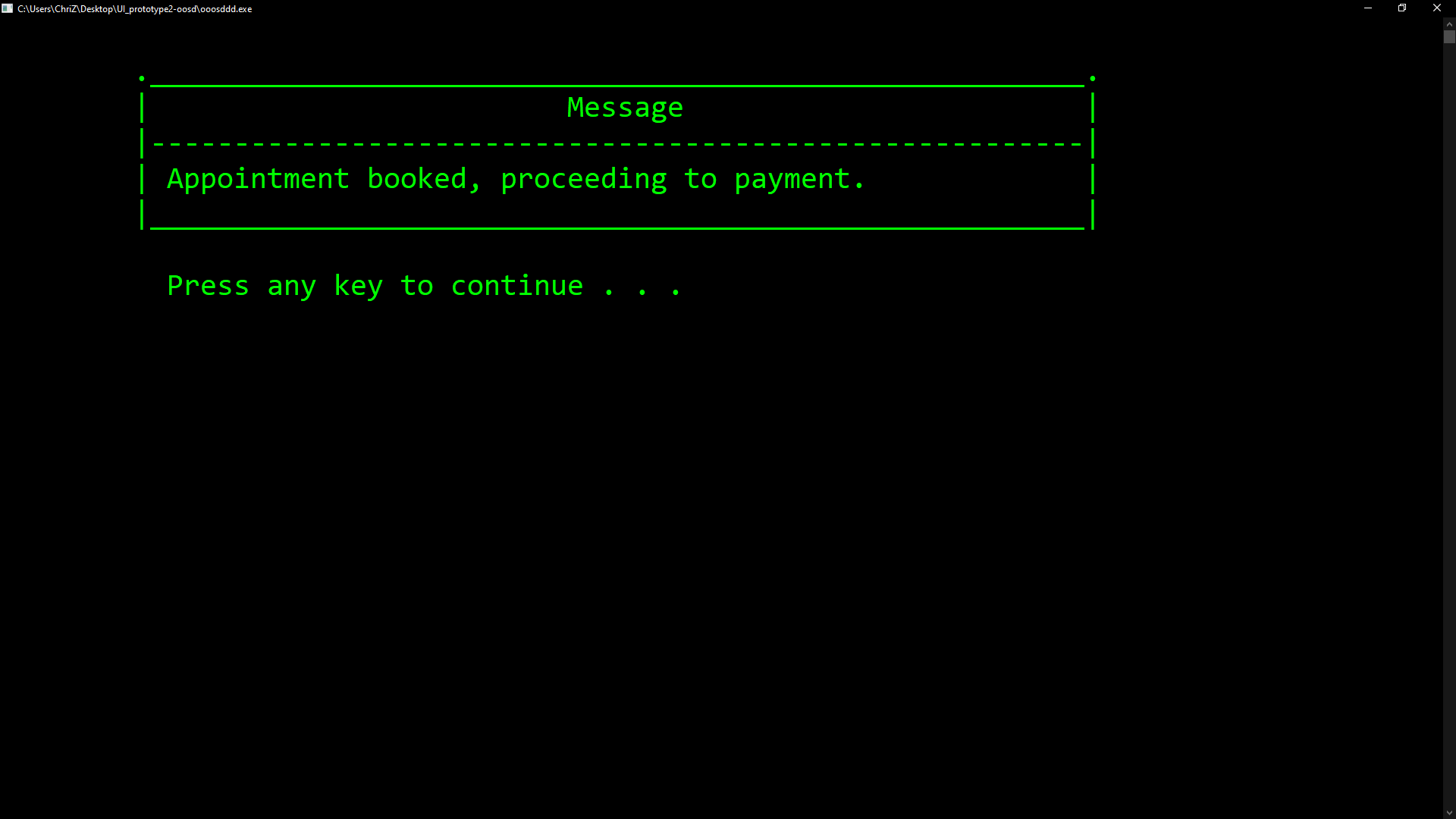
### 2.3.10 Patient make appointment page



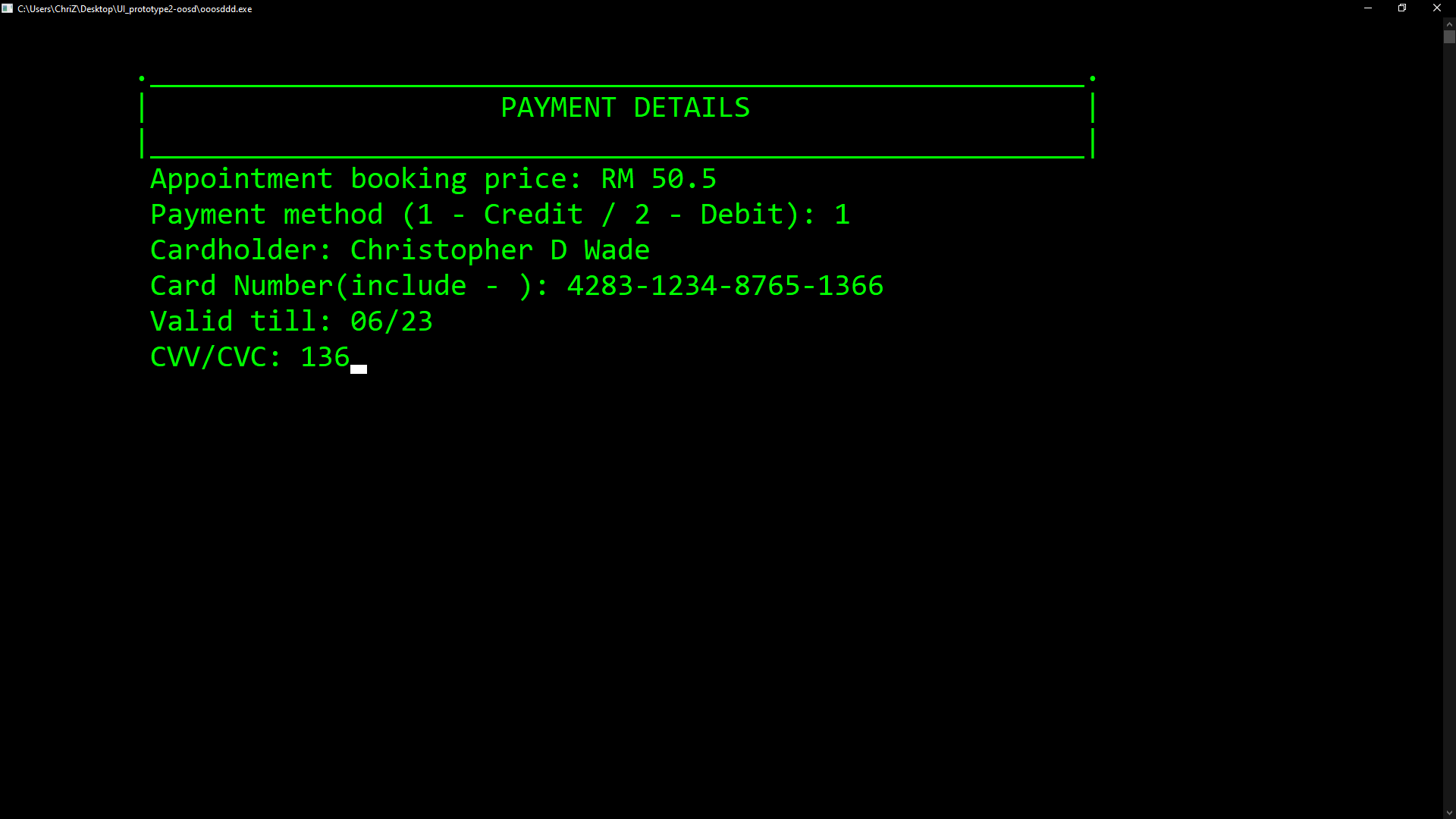




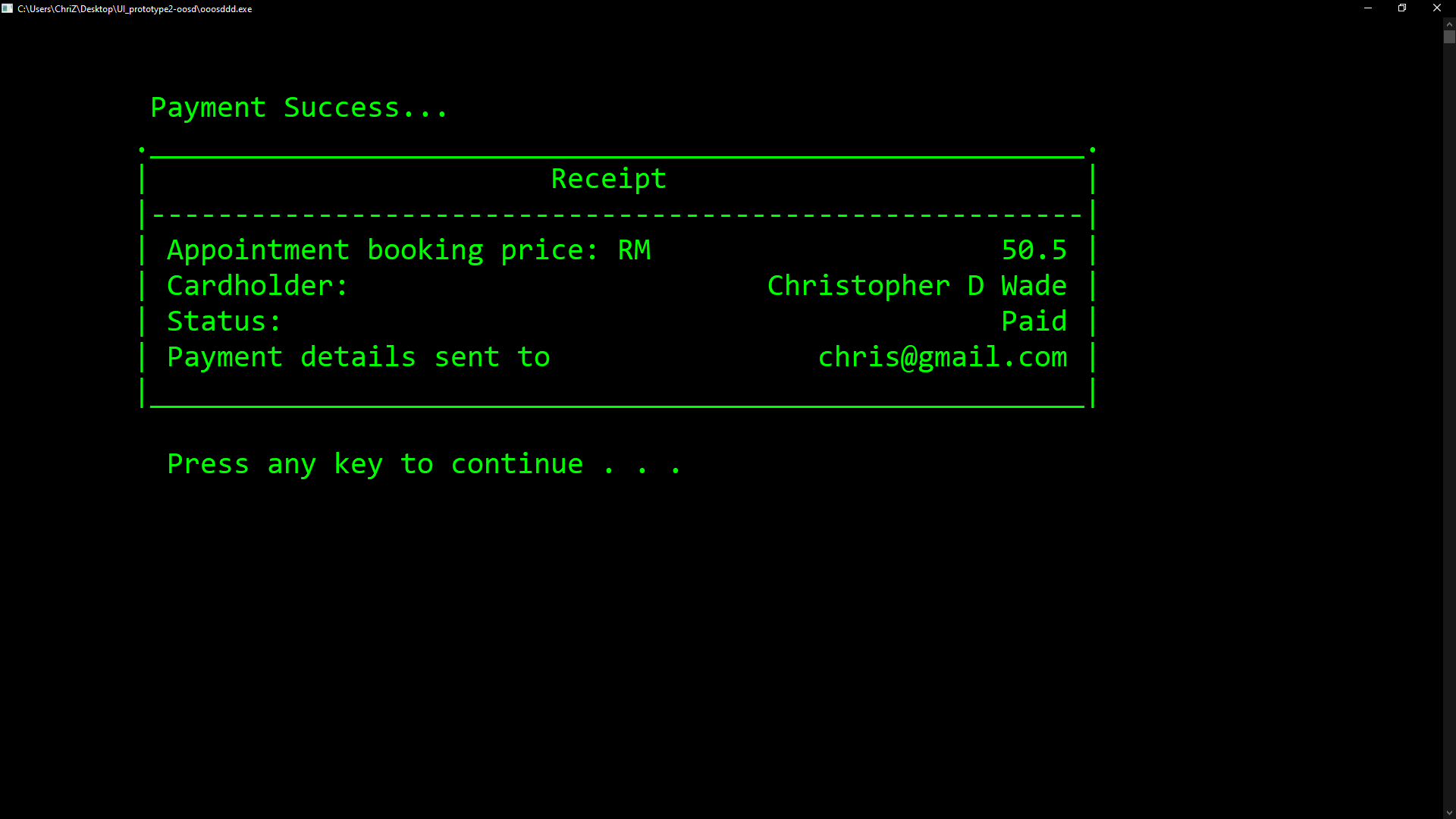
2.3.11 Patient make appointment successful message



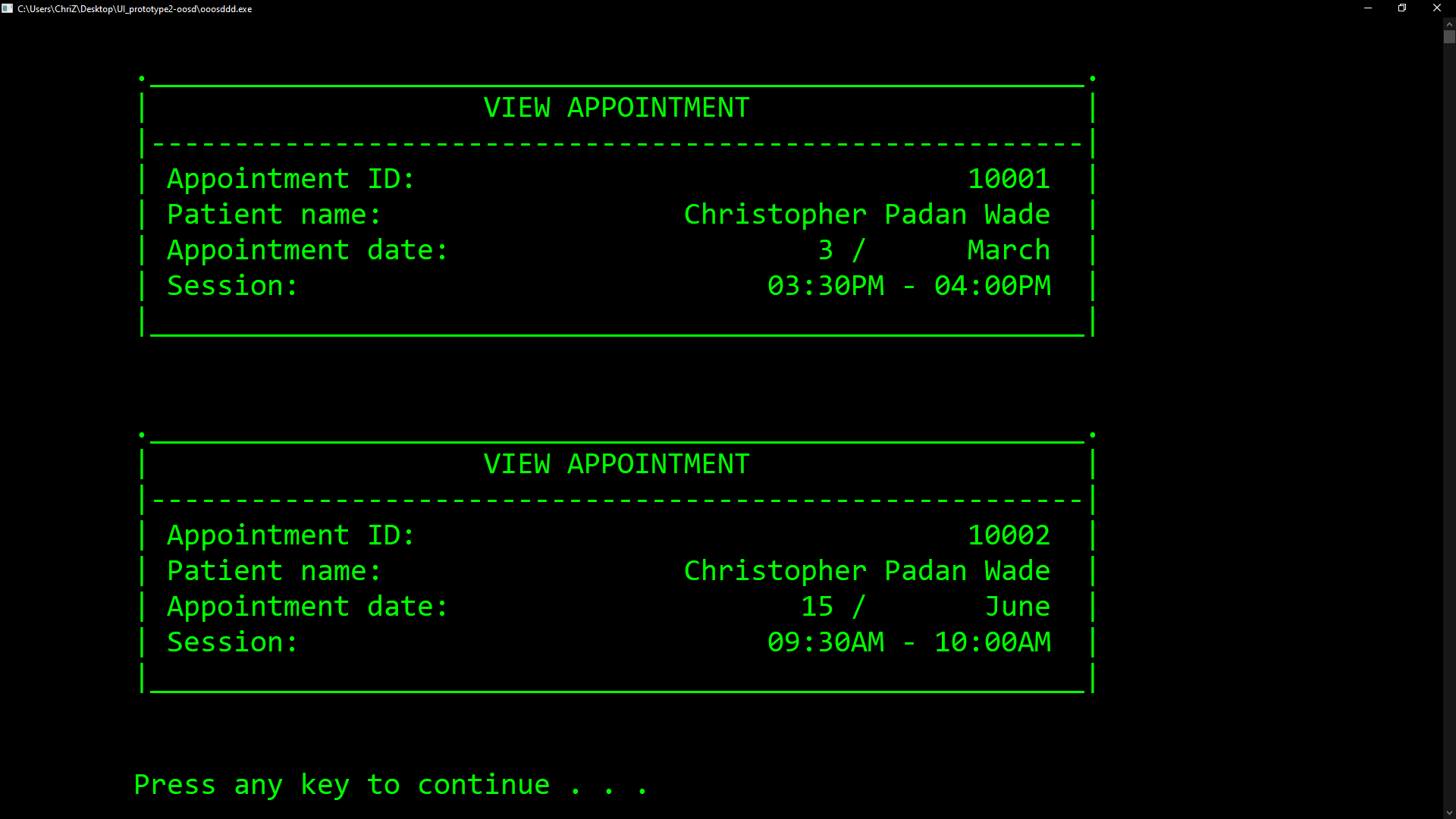
### 2.3.12 Patient make appointment page



### 2.3.13 Payment successful message



### 2.3.14 Patient view appointment message



# **3.0 Test Case**

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| **Test case 1** | Log in (positive) |
| **Input value** | 1. Username: admin 2. Password: admin12# |
| **Action** | 1. Select admin option 2. Key in the log in ID and password |
| **Expected output** | 1. Log in successful 2. Main page of Admin appears |

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| **Test case 2** | Log in (negative) |
| **Input value** | 1. Username: admin 2. Password: 12# |
| **Action** | 1. Select admin option 2. Key in the log in ID and password |
| **Expected output** | 1. Log in fail 2. error page wrong admin login info is appears |

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| **Test case 3** | Manually Add user |
| **Input value** | 1. User email: chris@gmail.com 2. Password: 12345678Abc! |
| **Action** | 1. Select admin option 2. Log in with correct admin username and password 3. Select Register new user option 4. Key in user email 5. Set the password 6. Press Enter |
| **Expected output** | 1. Registration success. 2. An email has sent to chris@gmail.com |

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| **Test case 4** | View user list |
| **Input value** | Enter selection: User list |
| **Action** | 1. Log in with correct admin username and password 2. Select User list 3. Press Enter |
| **Expected output** | List of registered user:  chris6055@gmail.com |

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| **Test case 5** | View all appointment |
| **Input value** | Enter selection: View all appointment |
| **Action** | 1. Log in with correct admin username and password 2. Select View all appointment 3. Press Enter |
| **Expected output** | List of all appointments appear |

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| **Test case 6** | Patient login (positive) |
| **Input value** | 1. Username: chris@gmail.com 2. Password: 12345678Abc! |
| **Action** | 1. Select Patient option 2. Key in the patient username and password |
| **Expected output** | 1. Log in successful 2. Main page of Patient appears |

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| **Test case 7** | Patient login (negative) |
| **Input value** | 1. Username: chris@gmail.com 2. Password: 12345678Abd! |
| **Action** | 1. Select Patient option 2. Key in the patient username and password |
| **Expected output** | 1. Log in fail 2. error page wrong login info is appears |

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| **Test case 8** | Edit patient profile details |
| **Input value** | 1. Name: Christopher D Wade 2. Gender (1-Male/2-Female): 1 3. Date of Birth (DD/MM/YY): 3/8/99 4. IC Number (XXXXXX-XX-XXXX): 990803-13-3399 5. Phone Number: +6012345678 6. Address: Lot 8, Jln OK, Kuching, Sarawak |
| **Action** | 1. Select Patient option 2. Log in with correct patient username and password 3. Select Edit Profile |
| **Expected output** | 1. Your profile has been saved successfully |

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| **Test case 9** | View patient profile details |
| **Input value** | 1. Enter selection: View Profile |
| **Action** | 1. Select Patient option 2. Log in with correct patient username and password 3. Select View Profile |
| **Expected output** | 1. Name: Christopher D Wade 2. Gender (1-Male/2-Female): 1 3. Date of Birth (DD/MM/YY): 3/8/99 4. IC Number (XXXXXX-XX-XXXX): 990803-13-3399 5. Phone Number: +6012345678 6. Address: Lot 8, Jln OK, Kuching, Sarawak |

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| **Test case 10** | Make appointment (positive) |
| **Input value** | 1. Select day: 25 2. Select month: 12 3. Select slot: 6 |
| **Action** | 1. Select Patient option 2. Log in with correct patient username and password 3. Select Make Profile |
| **Expected output** | 1. Appointment booked, proceeding to payment. |

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| **Test case 11** | Make appointment (negative) |
| **Input value** | 1. Select day: 32 2. Select month: 13 |
| **Action** | 1. Select Patient option 2. Log in with correct patient username and password 3. Select Make Profile |
| **Expected output** | 1. Wrong format!! Please enter again.. |

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| **Test case 12** | Make Payment |
| **Input value** | 1. Payment method (1 - Credit / 2 - Debit): 1 2. Cardholder: Christopher D Wade 3. Card Number(include - ): 4983-1234-5678-9101 4. Valid till: 12/29 5. CVV/CVC: 393 |
| **Action** | 1. Select Patient option 2. Log in with correct patient username and password 3. Select Make Profile 4. Key in valid appointment |
| **Expected output** | 1. Payment success 2. Appointment booking price: RM 50.50 3. Cardholder: Christopher D Wade 4. Status: Paid 5. Payment details sent to chris6055@gmail.com |